

28. (AMENDED) The illumination assembly of claim 21 or 22 in combination with an implement mountable on a user's head, wherein the attaching means is removably attachable to the implement.

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31. (AMENDED) The illumination assembly of claim 21 or 22 wherein the attachment means comprises a clip for removably attaching the housing to the headgear substantially coaxial with the user's line of sight.

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33. (AMENDED) The illumination assembly of claim 21 or 22 wherein the aspheric lens has a diameter of less than 2 centimeters.

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34. (AMENDED) The illumination assembly of claim 21 or 22 wherein said illumination assembly without the light guide and mounting means has a weight of less than about 10 grams.

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35. (AMENDED) The illumination assembly of claim 21 or 22 wherein said lens include an aspheric face and an opposing planar face, the lens being mounted such that said aspheric face faces inwardly.

55. (AMENDED) An illumination assembly for dental and medical applications comprising: